

Name _____

Class _____

Teacher _____

Date _____

6.RP.1: Understand the concept of ratio and use ratio language to describe a ratio relationship between two quantities.
 6.RP.3d: Use ratio reasoning to convert measurement units.



Rubric					
Operations	4	3	2	1	0
Errors	4	3	2	1	0
Explanation	4	3	2	1	0
Process	4	3	2	1	0
Total Score					

John is having his classmates over to study for their final exam in Mathematics. He would like to serve his classmates iced tea. To make one cup of iced tea, John must use 4 tablespoons of iced tea mix and 8 fluid ounces of water. Use the information in the box to help you.

8 fl. oz = 1 cup
 2 pints = 1 quart

2 cups = 1 pint
 4 quarts = 1 gallon

1. How many cups are in a quart? (*Set up a proportion.*)

Show your work.

Answer: _____

2. How many cups are in a gallon? (*Set up a proportion.*)

Answer: _____

3. Express the ratio of tablespoons of iced tea mix to ounces of water in word form.

Make sure the ratio is in simplest form.

(For every...there are...)

4. Part A

John would like to make 1 *quart* of iced tea. How much iced tea mix will he need?

(Use information from question 1 to help you set up a proportion.)

Show your work.

Answer:_____

Part B

Write a sentence to explain what your answer from Part A means.

(He will need..... to.....)
